

PTO Installation

Installing:

The included wiring harness has one input (Yellow Wire). The yellow wire needs to be hooked to a pump circuit that is grounded when the pump is on and floats when the pump is off. If the circuit supplies 12 volts when the pump is on, a relay will need to be used to pull the circuit to ground. (See [Instructions for Relay setup](#) below)

Testing:

To view the PTO On/Off signals

1. Log into the portal: (<https://portal.clearpathgps.com>)
2. Navigate to Reports->Vehicle Detail
3. Select the vehicle on the top left
4. Click "Get Report"
5. View the PTO On/Off signals in the list of events to ensure that Pump On events are showing when the pump is on, and Off events are showing when the pump is off. If these are backwards, see [Instructions for Relay Setup](#) below.

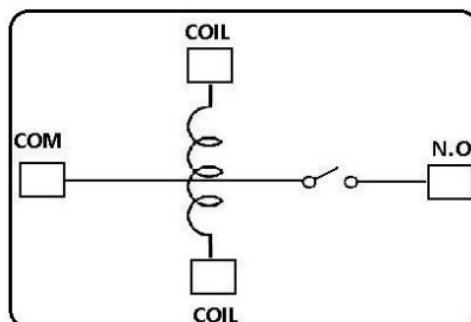
Labeling the PTO:

To label the PTO input please email: support@clearpathgps.com or call (805) 979-3442, Option 2 and the support team will adjust these. For example 'Pump' can be changed to 'Winch/Lift Gate/Diesel/etc.' On/Off:

09/03/19	08:48 AM	PTO : Pump : On	0
09/03/19	08:53 AM	Inputs	0
09/03/19	08:53 AM	PTO : Pump : Off	0

Instructions for Relay Setup:

If the PTO sensor supplies +12 volts when PTO is engaged, you will need to use an automotive relay (available from auto stores) to provide the required ground signal to the tracker when the PTO is on.



represents the terminals of the relay

How the relay works: The relay's solenoid is powered when the PTO is on. This completes the circuit to ground - which is the trigger the tracker needs to send PTO On / Off signal.

Connect:

- PTO output which has +12 volts when PTO engaged to "COIL"
- Chassis Ground to other "COIL"
- Tracker's Yellow wire to "N.O." (Normally Open)
- Chassis' ground is wired to "COM".

Contact:

- Email: support@clearpathgps.com or call (805) 979-3442, Option 2